

## **WAVE SHOCK ABSORBER SYSTEM**

### **Abstract of the Disclosure**

This invention relates to methods for absorbing impacting shock loads from waves on marine hulls by using a diffuser to provide a reduced impact zone forward of the hull and to divide the wave and cause the non-compressible liquid of the wave to mix with air in the diffuser channels to form a compressible fluid to further absorb impacting shock loads. This system was invented to provide for wave shock absorption of wide bow flat-bottomed marine hulls. These hulls being more buoyant and stable, provided more usable space, while possessing very efficient planing hulls that are easier to manufacture than three dimensional pointed bow hulls.